

ZHANG Zhong

✉ zzhangfc@connect.ust.hk

Education

Program	Institution	GPA	Year
BSc Computer Sci. & Economics	Hong Kong University of Science and Technology	3.83/4.3	2020-2024
Exchange or Visiting student:			
Eastern and Central Europe Study	Charles University, Prague, Czech Republic	-	2023
Exchange @ School of Engineering	University of Maryland, College Park, U.S.	4.0/4.0	2023
Winter School @ School of Econ.	Fudan University, ShangHai	4.0/4.0	2021

Industrial Training

Volunteer work at NGO: Sozo Foundation

Sep - Dec 2023

Click for more (in Chinese)

Cape Town, South Africa

- An organization that had helped countless unemployed youth in townships find their way to success
- My Major Achievement: Development and Maintenance of Procurement management system
- Operation Optimization
 - Full Stack Website development
- Community Interview
 - Mentor in Coding school

Internship in JavaScript Virtual Machine team

Feb - July 2022

(Mentor: Mr. SUN ZhiPeng)

ByteDance Ltd., HangZhou

- My work improved performance of Bytedance Apps (e.g. TikTok) on mobile devices
- Features added: Async stack backtrace, Unhandled rejection detection, Lazy/parallel compile.
- 20+ bugfix
 - Software testing/QA

Acedemic Projects

Research Project: Firms in Globalization: Evidence from China

Sep 2022 - Dec 2022

(Guide: Prof. Yao Amber Li, HKUST)

Student/RA

- The project is about investigating Firms innovation behavior and their trade value
- Data gathering and preprocessing
 - Data analysis

ByteCamp: 3D Map Automatic Generation in One Click

Aug. 2021

(Mentor: Mr. HUANG GaoLe)

ByteDance Ltd., BeiJing

- Our group made a Unity pulgin to generate 3D Map in one click.
- My Job: Automatic room partition and furniture generation for houses.
- Our team won *Third prize* (4-6th)

Course Preration: "Exploring Artificial Intelligence"

Dec 2021 - Jan 2022

(Guide: Dr. Desmond Yau-chat Tsoi, HKUST)

Student Helper/TA

- Made a voice detection project (trigger word detection) for the new AI course from scratch, including:
 - Overall design
 - Data gathering and preprocessing
 - implementation and training Nerual Networks
 - prepare skeleton code & instruction for students

CV Project: Image colorization

Oct - Dec 2021

(Instructor: Prof. CHEN, Qifeng, HKUST)

Deep Learning in Computer Vision Course Project

- Data gathering and preprocessing
 - Network (GAN) design, implementation, and training

Other Activities

- Member of HKUST ACM team (2020 - 2024)
- Promotion Secretary at Mainland Students and Scholars Society, UG Section, HKUST. (Dec 2020 - Nov 2021)
- Mentor for Peer Mentor Program, MSSSUG, HKUST (May 2021 - Mar 2022)

Achievements/Awards

- HKSAR Government Scholarship Fund - Talent Development Scholarship 2022-23
Award by HKSAR Government
- 3rd out of 7 in Tsinghua-HKUST Programming Contest (Aug 2022)
Organized by HKUST; National Tsing Hua University; Tsinghua University
- Bronze Medal in International Collegiate Programming Contest (ICPC) East Continent Final (July 2022)
Organized by ICPC Foundation; Northwestern Polytechnical University
- HKUST SENG Dean's list (2020-21 Fall, Spring, 2021-22 Fall, 2022-23 Fall)
- Silver Medal in International Collegiate Programming Contest (ICPC) Asia Jinan Regional Contest (Nov 2021)
Organized by ICPC Foundation; Qilu University of Technology (Shandong Academy of Sciences)
- 3rd out of 7 in Tsinghua-HKUST Programming Contest (Aug 2021)
Organized by National Tsing Hua University; Tsinghua University; HKUST
- Advanced to Final Round in Tsinghua University Programming Contest (THUPC) (May 2021)
Organized by Tsinghua University
- Silver Medal in International Collegiate Programming Contest (ICPC) Asia Nanjing Regional Contest (Dec 2020)
Organized by ICPC Foundation; Nanjing University of Aeronautics and Astronautics
- Second Prize in Peking University's Olympiad in Informatics Winter Camp (PKUWC) (2018)
Organized by Peking University
- Second Prize in Guang Dong Olympiad in Informatics (GDOI) (2018)
Organized by CCF(Guang Dong);Sun Yat-sen University
- First Prize *3 in National Olympiad in Informatics in Provinces (NOIP) (2016, 2017, 2018)
Organized by China Computer Federation (CCF)

Skills

- Programming: C/C++, Python, Java, JavaScript, SQL
- Algorithm Design, Competitive programming/ICPC
- Web development: HTML, CSS, JS, PHP, React
- Data analysis: Stata, R
- Sport: Marathon, Open Water Scuba Diver

Others

- Languages: Chinese (Mandarin, Cantonese(a little)); English.
- Hobbies: Travelling, Hiking, Diving, Piano